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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774,998	01/31/2001	Jukka Jarvi	602.338USW1	7086
32294	7590	11/18/2004	EXAMINER	
SQUIRE, SANDERS & DEMPSEY L.L.P. 14TH FLOOR 8000 TOWERS CRESCENT TYSONS CORNER, VA 22182			KNOWLIN, THJUAN P	
			ART UNIT	PAPER NUMBER
			2642	

DATE MAILED: 11/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/774,998

**Applicant(s)**

JARVI, JUKKA

**Examiner**

Thjuan P Knowlin

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 01 July 2004.
- 2a) ☐ This action is **FINAL**.      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☒ Claim(s) 1 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Claim Objections***

1. Claim 1 is objected to because of the following informalities: The last sentence of claim 1 contains the term "death". Examiner believes that the correct term that should be used is "dealt". Appropriate correction is required.

### ***Claim Rejections – 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Parker et al (US 5,483,585).
3. In regards to claims 1, 5, 6, and 10 Parker discloses the method for the management of subscriber functions (subscriber services), said method being used to manage subscriber functions in a telecommunication network (telecommunications system, see Fig. 1) said subscriber functions being stored in records (object store 31, See col. 5 lines 10-26), the method comprising the steps of: defining one or more default function sets (basic telephone services), each function set comprising one or more subscriber functions of a digital telephone exchange (local exchange or switch 10) defined as default functions (col. 5 lines 2-6); partitioning subscribers of said digital

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telephone exchange into default subscribers (subscribers with basic telephone service) and special subscribers (subscribers with supplementary service, such as call forwarding and three-party), said default subscribers being those subscribers whose subscriber functions correspond to one of said default function sets, and said special subscribers being those subscribers whose subscriber functions do not correspond to any of said default function sets (See Abstract and col. 5 lines 10-26); storing subscriber functions consistent with said default function sets in default records, each default record being common to all the default subscribers whose subscriber functions correspond to the subscriber functions in the default record concerned (See col. 6 lines 4-15 and col. 8 lines 4-21); storing subscriber functions for each special subscriber in subscriber-specific records, each subscriber-specific record being specific to the special subscriber concerned (See col. 6 lines 4-15 and col. 8 lines 22-30); reading the subscriber functions for each default subscriber from the default record concerned; and reading the subscriber functions for each special subscriber from the subscriber-specific record for the subscriber concerned (See col. 6 lines 4-15); wherein modification to the default record most of the subscribers can be dealt with by apply (See col. 5 lines 2-6, col. 7 lines 54-65, and col. 8 lines 22-30).

4. In regards to claims 2 and 7, Parker discloses the method, characterized in that data indicating whether the subscriber is a default subscriber or a special subscriber is provided in conjunction with the telephone number (telephone or directory number) of the subscriber (See col. 4 lines 1-23).

5. In regards to claim 3 and 8, Parker discloses the method, characterized in that when changes are made in the subscriber functions for a special subscriber, a check is performed to establish whether the changed functions correspond to any one of the default function sets; and if the changed functions correspond to one of the default function sets, then the special subscriber concerned is redefined as a default subscriber (col. 5 lines 10-25 and col. 8 lines 31-37).

6. In regards to claims 4 and 9, Parker discloses the method, characterized in that the subscriber functions for a special subscriber are not stored in a subscriber specific record until one of said functions is activated for use (col. 4-5 lines 53-6 and col. 8 lines 22-30).

### ***Response to Arguments***

7. Applicant's arguments with respect to claims 1-10 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Voit et al (US 5,805,682) teach a method delivering call related information to a video display.


9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan P Knowlin whose telephone number is (703) 308-1727. The examiner can normally be reached on Mon-Fri 8:00-4:30pm.

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10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703)305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

11. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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